

## ABSTRACT

The present invention relates to the use of alpha (2) macroglobulin ("α2M") receptor  
5 as a heat shock protein receptor, cells that express the α2M receptor bound to an HSP, and  
antibodies and other molecules that bind the α2M receptor-HSP complex. The invention also  
relates to screening assays to identify compounds that modulate the interaction of an HSP  
with the α2M receptor, and methods for using compositions comprising α2M-receptor  
sequences for the diagnosis and treatment of immune disorders, proliferative disorders, and  
10 infectious diseases.

15

20

25

30

35